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A PROFESSIONAL CORPORATION  
ATTORNEYS AT LAW  
1000 EAGLE GATE TOWER  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111  
TELEPHONE (801) 533-9800  
FAX (801) 328-1707

**TELECOPIER COVER SHEET**

July 27, 2006

Total Number of Pages  
(including cover letter): 16

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**PATENT EXAMINER**

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From: JOHN C. STRINGHAM

Comments: Serial No. 10/551,350

Please see attached.

Docket No.: 16542.16.1a.3

\*\*\*\*\*

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 L. DAVID GRIFFIN  
 ADRIAN J. LEE  
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# WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER  
 60 EAST SOUTH TEMPLE  
 SALT LAKE CITY, UTAH 84111  
 TELEPHONE: (801) 533-9800  
 FAX: (801) 328-1707  
 WEBSITE: [HTTP://WWW.WNLAW.COM](http://www.wnlaw.com)

FILED VIA FACSIMILE

PATENT APPLICATION  
 Docket No. 16542.16.1a.3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of



R. PARISH FREEMAN, JR.  
 PETER P. MALIN, JR.  
 L. REX SEARS, PH.D.  
 WILLIAM R. RICHTER  
 ROBERT E. AYCOCK  
 JENS C. JENKINS  
 MICHAEL B. DODD  
 BRETT A. HANGEN  
 BRETT L. JOHNSON  
 KEVIN W. STINGER  
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 SCOTT A. WOODBURY  
 JOHN T. GADD  
 MARK W. FORD  
 COLEY C. NUTTALL  
 AARON M. SMITH  
 R. CHAD COOPER S  
 KULANTAKA FISHER

VERNON R. RICE §  
 OF COUNSEL

Serial No.:	10/551,350	) Art Unit
Filed:	September 30, 2005	) Unknown
Conf. No.:	Unknown	)
For:	MODIFIED POLYNUCLEOTIDES FOR USE IN RNA INTERFERENCE	)
Examiner:	Unknown	)
Customer No.:	022913	)

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for entry in the above-identified application are the following:

- Revocation and Substitute Power of Attorney
- Change of Attorney Docket Number

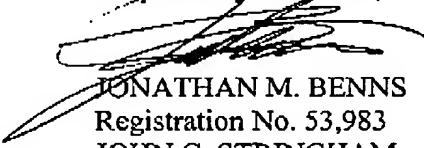
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 § Admitted only in Virginia

X The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

Dated this 27 day of July, 2006.

Respectfully submitted,

  
JONATHAN M. BENNS  
Registration No. 53,983  
JOHN C. STRINGHAM  
Registration No. 40,831  
Attorneys for Applicant  
(801) 533-9800

JUL 27 2006

FILED VIA FACSIMILE

PATENT APPLICATION  
Docket No. 16542.16.1a.3

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	
	)	
Devin Leake, et al.	)	
	)	
Serial No.:	10/551,350	) Art Uri. )
		) Unknown
		)
Filed:	September 30, 2005	)
		)
Conf. No.:	Unknown	)
		)
For:	MODIFIED POLYNUCLEOTIDES FOR USE IN RNA INTERFERENCE	)
		)
Examiner:	Unknown	)
		)
Customer No.:	022913	)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

VIA FACSIMILE (571) 273-8300  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

The undersigned, Shana Solomon, General Counsel of Dhamacon, Inc., the assignee of the entire interest of the above-identified application, as shown by the assignment recorded in the United States Patent Office at Reel 016936, Frame 0943, a copy of which assignment is attached as Exhibit A hereto, hereby revokes all previous powers of attorney in the above-identified application, and now hereby appoints as their attorneys and/or patent agents all attorney and/or patent agents under Customer Number 022913, with full power of substitution and revocation, to

prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith.

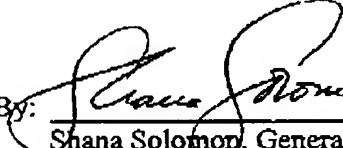
Shana Solomon further declares that all statements made herein of her own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

All correspondence and telephonic communications should be directed to:

JOHN C. STRINGHAM  
022913  
Customer Number  
Telephone: (801) 533-9800  
Facsimile: (801) 328-1707

All previous powers of attorney are hereby revoked.

Signed at Lafayette, Colorado, this 24<sup>th</sup> day of July, 2006.

By:   
\_\_\_\_\_  
Shana Solomon, General Counsel  
DHARMACON, INC.  
2650 Crescent Drive  
Lafayette, Colorado 80026

JMB/JCS:sch  
W:\16542\16.1A\3\USCH000003748V001.doc

**EXHIBIT A**



K5  
CORRECTED  
NOTICE

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 11, 2006

PTAS

1/17/06

TOR SABELAND  
488 MADISON AVENUE  
19TH FLOOR  
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3351. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/25/2005

REEL/FRAME: 016936/0943

NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:	DOC DATE: 09/29/2005
LEAKE, DEVIN	
ASSIGNEE:	DOC DATE: 09/30/2005
REYNOLDS, ANGELA	
ASSIGNEE:	DOC DATE: 10/05/2005
KHGOROVA, ANASTASIA	
ASSIGNEE:	DOC DATE: 09/29/2005
MARSHALL, WILLIAM	
ASSIGNEE:	DOC DATE: 09/28/2005
FEDOROV, YURIY	
ASSIGNEE:	DOC DATE: 09/29/2005
NICHOLS, KIMBERLY	

016936/0943 PAGE 2

ASSIGNEE:

DHARMACON INC.  
2650 CRESCENT DRIVE, SUITE 100  
LAPAYETTE, COLORADO 80026

SERIAL NUMBER: 10551350

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: MODIFIED POLYNUCLEOTIDES FOR USE IN RNA INTERFERENCE

MAURICE CARTER, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

JAN-04-2006 13:54

KALOU &amp; SPRINGUT LLP.

212 813 9600 P.07/08

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102033.7  
FAX 07/27/2006 13:54  
DOCKET NUMBER 2006-US7

DOCKET NUMBER 2006-US7

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark OfficeREGISTRATION FORM COVER SHEET  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of corresponding party(ies)  
 (1) LEAKEY, David (2) FEDOROV, Yevgeny  
 (3) REYNOLDS, Angela (4) NICHOLS, Kimberly  
 (5) KOPYTOVA, Anastasia  
 (6) MARSHALL, William

Additional name(s) of corresponding party(ies) - checkmark  Yes  No

2. Name of country or international office:  
 Executive Docket SEE ATTACHED SHEET

- Assignment  Manager  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assigned  
 Executive Order 14034, Confidentiality License  
 Other

4. Application or patent numbers:

A. Patent Application No./s)

2. Name and address of corresponding party(ies)

Name: DARMAKON INC.

Internal Address:

Street Address: 2550 Cognac Drive, Suite 100City: LakewoodState: COCountry: United States Zip: 80226Additional name(s) of corresponding party(ies)  Yes  No

This document is being filed together with a new application

B. Patent No./s)

**10/551,350**Address marked above?  Yes  No

5. Name and address to whom correspondence concerning this application should be addressed:

Name: Tor ISMELAND

Internal Address:

Street Address: 423 Madison Avenue  
16th FloorCity: New YorkState: New York Zip: 10022Phone Number: (212) 813-1600Fax Number: (212) 813-6900Email Address: tor.ismeland@kln.com

6. Total number of applications and patents

6. Total number of applications and patents  
Received: 07. Total fee (37 CFR 1.21(b)(3) & 1.41) \$ 40,00 Authorized to be charged by credit card Authorized to be charged to deposit account Endorse None required (person/agent listed not acting on behalf of)

## 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 11-0171Authorized User Name: Kalou & Springut LLP

9. Signature:

Tor Ismeland

October 25, 2006

Date

Tor ISMELAND - Reg. No. 43,131

Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents

7

Patent to be recorded including cover sheet and all  
other documents filed with this application. This  
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PTO-80, available at www.uspto.gov.

JULY 24 2006 13:54

KALOW &amp; SPRINGUT LLP.

212 813 9646 P-28/08

102214.1

## RECORDATION FORM COVER SHEET (FORM PTO-1599)

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Applicant: LEAKE et al.  
Serial No.: 10/551,350  
Docket: DHARMA 6200-US3

JUL 27 2006

## Box 3: Nature of Correspondence/Exection Date(s):

(1) LEAKE, Devan	29 September 2005
(2) REYNOLDS, Angela	30 September 2005
(3) KHOVOROVA, Anastasia	05 October 2005
(4) MARSHALL, William	29 September 2005
(5) FEDOROV, Yury	28 September 2005
(6) NICHOLS, Kimberly	29 September 2005

TOTAL P.08

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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, Devin LEAKE, residing at 3050 S. Krameria St., Denver, CO, 80222, United States; Angela REYNOLDS, residing at 11545 Conifer Ridge Drive, Conifer, CO, 80433, United States; Anastasia KHVOROVA, residing at 4550 Squires Circle, Boulder, CO, 80305, United States; William MARSHALL, residing at 495 Mohawk Drive, Boulder, CO, 80303, United States; Yuriy FEDOROV, residing at 2405 Andrew Drive, Superior, CO 80027, United States; and Kimberly NICHOLS, residing at 751 St. Andrews Lane, Louisville, CO 80027, United States;

HEREBY sell, assign and transfer to DHARMACON INC. having a place of business at 2650 Crescent Drive, Suite 100, Lafayette, CO 80026, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions that are disclosed and claimed, and any and all inventions that are disclosed but not claimed, in the application for United States Patent that has been executed by the undersigned and is entitled:

**MODIFIED POLYNUCLEOTIDES FOR USE IN RNA INTERFERENCE**

US Application Serial No. 10/651,350 (to be assigned), filed 30 September 2005

[the undersigned hereby authorizes its attorneys to amend this document to insert the filing date and application serial number when they become known]

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries that have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents that have been or shall be issued on said inventions;

AUTHORIZES and request the Director of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions disclosed in said application;

ASSIGNMENT  
DHARMA 0200-US-  
Page 2 of 1

AGREE that said Assignee may apply for and receive foreign Letters Patents or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successor, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible that said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

ASSIGNOR

Devin LEAKE

Date: 09 29 05

By: Devin Leake

Signature

Witness

Signature: D. Sauer

Print Name: Dmitry Sauer

Witness

Signature: D. Scott Brookville

Print Name: D. Scott Brookville

ASSIGNMENT  
DHARMA 0200-US:  
Page 3 of 5

Date: Sep 23, 2005

Date: 9/22/05

Address: 435 Strathmore Ave  
#116, Lafayette  
CO, 80026

Address: 483 Eisenhower

Louisville, CO  
80027

Date: 9-30-2005

Angela REYNOLDS

By: Angela R Reynolds  
Signature

Witness

Signature: Kathy Brin

Print Name: Kathy Brin

Date: 9-30-2005

Address: 186 Antler Ln  
Golden, CO  
80403

Witness

Signature: Bethan Pinter

Print Name: Bethan Pinter

Date: Sept. 30, 2005

Address: 455 Hawthorn Ave.  
Boulder, CO 80304

Date: 10/05/2005

Anastasia KHVOROVA

By: A.Khvorova  
Signature

Witness

Signature: Darcie Nicholson

Print Name: DARCIE NICHOLSON

Date: 10.5.05

Address: 13910 W. 72nd Ave  
Anne Arundel Co  
80005

Witness

Signature: Lori Pouer

Print Name: Lori Pouer

Date: 10/5/05

Address: 1129 Highland Park Dr.  
Broomfield, CO 80020

ASSIGNMENT  
DHARMA 0200-UE3  
Page 4 of 5

## William MARSHALL

Date: 9/29/05By: William Marshall  
SignatureWitnessSignature: EggletonPrint Name: ELIZABETH CONNENDate: 9/29/05Address: 13280 TELON ST.  
WESTMINSTER CO  
80234WitnessSignature: Suzanne L. NicholsonPrint Name: Suzanne L. NicholsonDate: 9.29.05Address: 13910 W. 73rd Ave.  
Arvada CO 80005

## Yuri FEDOROV

Date: 09-28-05By: D  
SignatureWitnessSignature: VermeulenPrint Name: Anna VermeulenDate: 9-28-05Address: 729 Julian Cir.  
Lafayette, CO 80026WitnessSignature: Barbara RobertsonPrint Name: Barbara RobertsonDate: Sept. 28, 2005Address: 455 Hawthorn Ave.  
Boulder, CO 80307

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DHARMA 0200-UE3  
Page 5 of 5

Date: 09/29/05

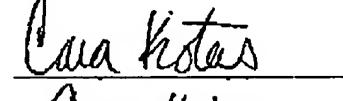
By:

Kimberly NICHOLS  
  
Signature

Witness

Signature: 

Witness

Signature: 

Print Name: Douglas M. Kostas

Date: 09/29/05

Address: 147 W Elm

Louisville CO 80027

Print Name: Cara Kostas

Date: 9/29/05

Address: 628 S High St

Denver CO  
80209

END

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PATENT APPLICATION  
Docket No. 16542.16.1a.3

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of

JUL 27 2006

Devin Leake, et al.

Serial No.:

10/551,350

Art Unit  
Unknown

Filed:

September 30, 2005

Conf. No.:

Unknown

For:

MODIFIED POLYNUCLEOTIDES FOR USE  
IN RNA INTERFERENCE

Examiner:

Unknown

Customer No.:

022913

CHANGE OF ATTORNEY DOCKET NUMBER

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 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

For convenience and ready identification of the papers received in connection with the above-identified patent application, please reference in all future communications my Docket No. 16542.16.1a.3.

All correspondence and telephonic communications should be directed to:

John C. Stringham

022913

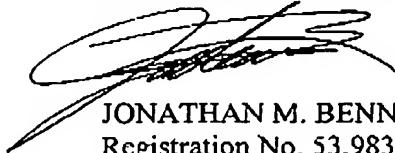
Customer Number

Telephone: (801) 533-9800

Facsimile: (801) 328-1707

DATED this 27 day of July, 2006.

Respectfully submitted,



JONATHAN M. BENNS

Registration No. 53,983

JOHN C. STRINGHAM

Registration No. 40,831

Attorneys for Applicant